



FORM PTO-1449

Atty. Docket No.:  
H0005820-0760  
(1100.1222101)Serial No.:  
10/749,863LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant: Ulrich Bonne et al.

Filing Date:  
December 31, 2003Group Art:  
unknown

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/C.T.M./	906,468	12/1908	Steynis			
	1,157,859	10/1915	Freet			
	1,454,219	05/1923	Goedicke			
	1,505,669	08/1924	Quain			
	3,146,616	09/1964	Loyd			
	3,557,532	01/1971	Broerman			
	3,730,874	05/1973	Trub			
	3,783,356	01/1974	Lide, III et al.			
	3,833,492	09/1974	Bollyky			
	3,921,002	11/1975	Williams			
	3,967,131	06/1976	Slipiec et al.			
	4,025,441	05/1977	Tabata et al.			
	4,043,196	08/1977	Trageser			
	4,048,668	09/1977	von Bargaen			
	4,049,552	09/1977	Arff			
	4,051,045	09/1977	Yamamoto et al.			
	4,079,260	03/1978	Dmietriev et al.			
	4,101,783	07/1978	Hutter			
	4,123,664	10/1978	Yamamura et al.			
	4,128,768	12/1978	Yamamoto et al.			
	4,159,971	07/1979	Gneupel			
	4,216,096	08/1980	Pare et al.			
	4,228,815	10/1980	Juffa et al.			
V	4,234,800	11/1980	Kenly			
/C.T.M./	4,383,976	05/1983	Notaro			

## FORM PTO-1449

Atty. Docket No.:  
H0005820-0760  
(1100.1222101)

Serial No.:  
10/749,863

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant: Ulrich Bonne et al.

Filing Date:  
December 31, 2003

Group Art:  
unknown

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/C.T.M./	4,411,756	10/1983	Bennett et al.			
	4,417,966	11/1983	Krauss et al.			
	4,461,744	07/1984	Erni et al.			
	4,478,076	10/1984	Bohrer			
	4,483,200	11/1984	Togawa et al.			
	4,504,446	03/1985	Kunicki et al			
	4,507,974	04/1985	Yelderman			
	4,576,050	03/1986	Lambert			
	4,614,573	09/1986	Masuda			
	4,640,782	03/1987	Burleson			
	4,650,573	03/1987	Nathanson			
	4,656,010	04/1987	Leitzke			
	4,690,803	09/1987	Hirth			
	4,696,800	09/1987	Sasaki et al.			
	4,725,412	02/1988	Ito			
	4,735,082	04/1988	Kolloff			
	4,759,210	07/1988	Wohljen			
	4,764,349	08/1988	Arff et al.			
	4,877,588	10/1989	Ditzler et al.			
	4,886,645	12/1989	Fischer et al.			
	4,909,078	03/1990	Sittler et al.			
	4,944,035	07/1990	Aagard Roger L., et al.			
	4,960,569	10/1990	Fovell et al.			
	4,981,656	01/1991	Leitzke			
	5,004,587	04/1991	Tacchi			
	5,008,087	04/1991	Batchelor			
/C.T.M./	5,031,126	07/1991	McCulloch et al.			

## FORM PTO-1449

Atty. Docket No.:  
H0005820-0760  
(1100.1222101)

Serial No.:  
10/749,863

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant: Ulrich Bonne et al.

Filing Date:  
December 31, 2003

Group Art:  
unknown

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/C.T.M./	5,034,198	07/1991	Kaiga et al.			
	5,044,766	09/1991	Stuart			
	5,056,047	10/1991	Sondergeld			
	5,093,087	03/1992	Freeman			
	5,124,132	06/1992	Francis, Jr. et al.			
	5,145,653	09/1992	Fischer et al.			
	5,146,414	09/1992	McKown et al.			
	5,243,858	09/1993	Erskine et al.			
	5,263,380	11/1993	Sultan et al.			
	5,268,151	12/1993	Reed et al.			
	5,268,302	12/1993	Rounbehler et al.			
	5,379,630	01/1995	Lacey			
	5,411,713	05/1995	Masao			
	5,463,899	11/1995	Zemel et al.			
	5,469,013	11/1995	Kang			
	5,533,412	07/1996	Jerman et al.			
	5,591,896	01/1997	Lin			
	5,587,520	12/1996	Rhodes			
	5,665,604	09/1997	Monagle et al.			
	5,922,974	07/1999	Davidson et al.			
	6,016,027	01/2000	DeTemple et al.			
	6,139,384	10/2000	DeTemple et al.			
	6,178,811	01/2001	Bonne et al.			
	6,194,833	02/2001	DeTemple et al.			
	6,308,553	10/2001	Bonne et al.			
V	6,393,894	05/2002	Bonne et al.			
/C.T.M./	6,457,347	10/2002	Koo et al.			

<b>FORM PTO-1449</b> Page 4 of 6	Atty. Docket No.: H0005820-0760 (1100.1222101)	Serial No.: 10/749,863
	Applicant: Ulrich Bonne et al.	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Filing Date:	
	December 31, 2003	Group Art: unknown

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/C.T.M./	6,494,617	12/2002	Stokes et al.			
↓	6,524,538	02/2003	Barankova et al.			
↓	6,547,347	10/2002	Koo et al.			
↓	6,657,370	12/2003	Geusic			
↓	2002/0068017	06/2002	Naatz et al.			
/C.T.M./	2004/0060346	04/2004	Bonne et al.			

#### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
/C.T.M./	DE 196 19 133 A1	11/13/97	Germany	Abstract
↓	DE 2 934 566 A1	03/19/81	Germany	Abstract
↓	DE 32 34 146 A1	03/15/84	Germany	Abstract
↓	DE 42 22 458 A1	01/13/94	Germany	Abstract
↓	DE 42 43 573 A1	06/23/94	Germany	Abstract
↓	DE 296 07 315 U1	09/26/96	Germany	Abstract
↓	EP 0 232 719 A1	01/10/87	Europe	Abstract
↓	EP 0 348 245 A2	12/27/89	Europe	
↓	EP 0 364 982 A2	04/25/90	Europe	
↓	EP 0 419 873 A2	08/29/90	Europe	
↓	EP 0 468 793 A2	01/29/92	Europe	
↓	EP 0 702 212 A2	03/20/96	Europe	
↓	EP 0 773 432 A2	05/14/97	Europe	Abstract
↓	GB 2 287 792 A	09/1995	United Kingdom	
↓	56-153256	11/1981	Japan	Abstract
/C.T.M./	57-131029	08/1982	Japan	Abstract

Page 5 of 6  <b>FORM PTO-1449</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: H0005820-0760 (1100.1222101)	Serial No.: 10/749,863
	Applicant: Ulrich Bonne et al.	
	Filing Date: December 31, 2003	Group Art: unknown

Examiner Initial	Document No.	Date	Country	Translation Yes No
/C.T.M./	57-206830	12/1982	Japan	Abstract
/C.T.M./	WO 92/06369	04/1992	PCT	
/C.T.M./	WO 94/20825	09/1994	PCT	
/C.T.M./	WO 98/22793	05/1998	PCT	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/C.T.M./	Amano, "Infrared spectroscopic detection of ions and free radicals in discharge plasmas," pp. 72-82, SPIE Proceedings, Vol 1858, 1993.
	Atalla et al., "Radiation Effects with the AC Heated Strip Technique for the Measurement of Thermal Properties of Liquids", <u>High Temperatures - High Pressures</u> , Vol. 17, pages 447-452, 1985.
	Atalla et al. "Measurement of Thermal Properties of Liquids with an AC Heated-Wire Technique", <u>International Journal of Thermophysics</u> , Vol. 2, No. 2, 1981.
	Bonne et al., "Industrial Wireless PHASED Sensor Phase 1. Feasibility Demonstration," Progress Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002.
	Bonne, et al., "PHASED: a Faster, Smarter and More Affordable Gas Analysis Device," 16th International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17.
	Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12.
	Bonne, et al., "PHASED, a Faster, Smarter and More Affordable Gas Analysis Device - Update," International Forum on Process Analytical Chemistry (IFPAC) Scottsdale, AZ, January 21-24, 2003.
	Bonne, et al., "Actuation-based microsensors," Smart Materials and Structures, 10, pp. 1185-1195, 2001.
	Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan.
	Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001.
	Dipl.-Ing. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", <u>Expert Verlag</u> , Grafenau, XP002094984, 173 pages, 1980.
	Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989).
↓	Herring, "Microdischarge-Based Detection Systems," DARPA Workshop on Micro Gas Analyzers, Monterey, CA., 8 pages, December 2002.
/C.T.M./	Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page.

Page 6 of 6  <b>FORM PTO-1449</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: H0005820-0760 (1100.1222101)	Serial No.: 10/749,863
	Applicant: Ulrich Bonne et al.	
	Filing Date: December 31, 2003	Group Art: unknown

/C.T.M./	<a href="http://www.emd.horiba.com/enginease/mexa720nox">http://www.emd.horiba.com/enginease/mexa720nox</a> , HORIBA Engine Measurement Division: MEXA-720Nox -- Non-Sampling type Nox A. . . , 3 pages printed October 1, 2004.
	<a href="http://www.advanced-polymers.com/star_center/technical_papers/reduction_in_effective_dielectric_constant.pdf">http://www.advanced-polymers.com/star_center/technical_papers/reduction_in_effective_dielectric_constant.pdf</a> , 1 page.
	<a href="http://www.chrompack.com/cgi/applicview?ap=A00607&amp;Go=G0">http://www.chrompack.com/cgi/applicview?ap=A00607&amp;Go=G0</a> , NexTrieve document view, 2 pages, printed December 26, 2002.
	<a href="http://www.zoex.com/html/technote_kt030505-1.html">http://www.zoex.com/html/technote_kt030505-1.html</a> , Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004.
	International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages.
	Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999
	Kindlund et al., "Quartz Crystal Gas Monitor With Gas Concentrating Stage," Sensors and Actuators, 6 (1984) pp.1-17.
	Lee, et al., "The Study of Atmospheric Pressure Plasma by Large Area Capillary Electrode and It's Application," E-MRS Spring Meeting 2002, June 18-21, 2002, pp. 440-746. (Abstract attached)
	Park, et al., "Microdischarge Arrays: A New Family of Photonic Devices (Revised)," IEEE Journal on Selected Topics in Quantum Electronics, Vol. 8, No. 2, pp. 387-394, March/April 2002.
	Park, et al., "Photodetection in the visible, ultraviolet, and near-infrared with silicon microdischarge devices," Applied Physics Letters, Vol. 81, No. 24, pp. 4529-4531, December 9, 2002.
	Park, et al., "Arrays of silicon micro discharge devices with multicomponent dielectrics," Optics Letters, Vol. 26, No. 22, pp. 1773-1775, November 15, 2001.
	Phillips, J.B. et al., "Thermal Modulation: A Chemical Instrumentation Component of Potential Value in Improving Portability," Field Analytical Chemistry and Technology, 1(1): 23-29, 1996.
	Quimby, et al., "Evaluation of a Microwave Cavity, Discharge Tube, and Gas Flow System of Combined Aas Chromatography - Atomic Emission Detection," Analytical Chemistry, Vol. 62, No. 10, pp. 1027-1034, May 15, 1990.
	Stevenson, Robert, "Wintergreen '97," The World of Separation Science, The 19th International Symposium on Capillary Chromatography and Electrophoresis, 11 pages.
	Thompson et al., "Ultraviolet Absorption Coefficients of CO <sub>2</sub> , CO, O <sub>2</sub> , H <sub>2</sub> O, N <sub>2</sub> O, NH <sub>3</sub> , NO, SO <sub>2</sub> , and CH <sub>4</sub> between 1850 and 4000 Å," Journal of Geophysical Research, Vol. § 68, No. 24, pp. 6431-6436, December 1963.
	Toker et al., "Design and development of a fiber optic TDI CCD-based slot-scan digital mammography system," X-ray Detector Physics and Applications II, Proceedings SPIE-The International Society for Optical Engineering, vol. 2009 (July 13-14, 1993) pp.246-252.
/C.T.M./	Whitman et al., "Double-Injection FIA Using First-Order Calibration for Multicomponent Analysis," Analytical Chemistry 63 (1991) pp.775-781.

EXAMINER: /Christine T Muil/	DATE CONSIDERED: 04/02/2008
------------------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.